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Attorney Docket No.: 0492611-0510/MIT-10443

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Manalis, et al. Examiner: Lum, Leon Yun Bon

Serial No.: 10/669,883 Art Unit: 1641

Filing Date: September 23, 2003

Title: FABRICATION AND PACKAGING OF SUSPENDED
MICROCHANNEL DETECTORS

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450
Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on December 6, 2004.


Susan M. Dinsmore

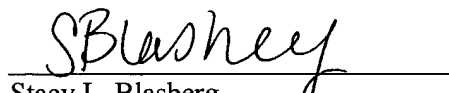
TRANSMITTAL

Enclosed herewith please find:

1. Executed Appointment of Attorney;
2. Executed Establishing Right of Assignee to Take Action (37 CFR §3.73(b)) (2 pgs.);
3. Copy of Executed Assignment (2 pgs.); and
4. Return postcard.

Please charge any fees associated with this filing, or apply any credits, to our Deposit Account No. 03-1721.

Respectfully submitted,


Stacy L. Blasberg
Registration Number 52,625

Choate, Hall & Stewart
Exchange Place
53 State Street
Boston, MA 02109
(617) 248-5000
Dated: December 6, 2004



ATTORNEY DOCKET NO.: 0492611-0510

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Manalis, et al.** Examiner: **Not Yet Assigned**
Serial No.: **10/669,883** Art Unit: **1645**
Filing Date: **September 23, 2003**
Title: **Fabricatin and Packaging of Suspended Microchannel Detectors**

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY

On behalf of **Massachusetts Institute of Technology**, having an address at **77 Massachusetts Avenue, Cambridge, Massachusetts**, the undersigned hereby appoints the practitioners associated with Customer Number **24280** as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

Respectfully submitted,

Name: **Karin K. Rivard**

Title: **Assistant Director/Counsel**

Date: Sept. 2, 2004



ATTORNEY DOCKET NO. 0492611-0510

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **Manalis, et al.** Examiner: **Not Yet Assigned**
Serial No.: **10/669,883** Art Unit: **1645**
Filing Date: **September 23, 2003**
Title: **Fabrication and Packaging of Suspended Microchannel Detectors**

Commissioner For Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION
(37 CFR § 3.73(b))

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

Inventor	Assignee
Scott Manalis	Massachusetts Institute of Technology
Thomas Burg	Massachusetts Institute of Technology

Thus, the Assignee of the inventors' entire right, title, and interest is:

Massachusetts Institute of Technology

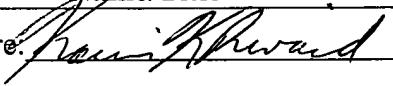
According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows (I authorize Choate, Hall & Stewart to check one of the following two choices, and fill in the blanks, if applicable):

- ☐ documents already recorded in the PTO on _____.
Reel _____ Frame _____; and
- ☒ documents separately submitted for recordal to the PTO (a copy of these documents is attached).

STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: <u></u> Name: <u>Karin K. Rivard</u> Title: <u>Assistant Director/Counsel</u>	Massachusetts Institute of Technology	<u>Sept. 2, 2004</u>

ATTORNEY DOCKET NO.: 0492611-0510
ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned **Scott Manalis of Cambridge, Massachusetts**; and **Thomas Burg of Cambridge, Massachusetts**, hereby

Sells, assigns and transfers to **Massachusetts Institute of Technology** having a place of business in, **77 Massachusetts Avenue, Cambridge, Massachusetts**, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "**Fabrication and Packaging of Suspended Microchannel Detectors**" filed **September 23, 2003** and given serial number **10/669,883**, (Choate, Hall & Stewart is hereby authorized to enter any necessary information to identify this patent application) in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004.

Susan Murphy Botte
Witness

Scott Manalis
Scott Manalis

7/7/04
Date

Address

Witness

9/7/04
Date

Address

IN WITNESS WHEREOF, I hereto set my hand and seal at _____,
this _____ day of _____, 2004.

Susan Murphy Botte
Witness

Thomas Burg
Thomas Burg

09/07/04
Date

Address

Witness

9/7/04
Date

Address